

I claim:

1. A connector comprising:
 - a first connecting end; and
 - a second end for attachment to a cable, the second end comprising:
 - 5 a support mandrel;
 - a swaging barrel, surrounding the support mandrel to be coaxial with the support mandrel; and
 - a swaging cap, surrounding the swaging barrel to be coaxial with the swaging barrel and the support mandrel, the swaging cap having a variable inner
 - 10 diameter for swaging the swaging barrel onto an outer jacket of the cable.
2. The connector of claim 1, wherein the swaging cap is adapted to move axially over the swaging barrel to swag the swaging barrel onto the outer jacket of the cable.
- 15 3. The connector of claim 1, wherein the first connecting end comprises a center contact for attachment to an inner conductor of the cable, the center contact having a hollow space for receiving the inner conductor and tangs extending into the hollow space for contacting the inner conductor.

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4. The connector of claim 1, wherein the first connecting end includes a slotted barrel adapted to receive a corresponding barrel, and having a finger with a recess for strain relief.

5 5. The connector of claim 1, wherein the connector is a BNC-type connector

6. A cable termination comprising:

 a connector having a first connecting end for attachment to a
10 corresponding connector, a second connecting end for terminating an electrical
cable, the second connecting end having a support mandrel, a swaging barrel
coaxially surrounding the support mandrel, and a swaging cap coaxially
surrounding the swaging barrel;

 wherein the electrical cable comprises at least a conductor and an outer
15 jacket, and the conductor is located inside the support mandrel and the outer
jacket is located outside the support mandrel; and

 the swaging cap having a variable inner diameter for swaging the swaging
barrel onto an outer jacket of the electrical conductor.

20 7. The cable termination of claim 6 wherein:

 the outer jacket is located between the support mandrel and the swaging
barrel.

8. The cable termination of claim 6 wherein:

the support mandrel includes spurs for engaging the outer jacket.

5 9. The cable termination of claim 6 wherein:

the first connecting end includes a contact having tangs that extend into its interior, and the conductor of the electrical cable extending into the contact and engaging the tangs.

10 10. The cable termination of claim 6 wherein:

wherein the first connecting end includes a slotted barrel adapted to receive a corresponding barrel, and having a finger with a recess for strain relief.

11. The cable termination of claim 6 wherein:

15 the connector is a BNC-type connector.

12. A method of terminating a cable comprising:

providing a connector comprising a first connecting end and a second end for attachment to a cable, the second end comprising a support mandrel, a swaging barrel coaxially surrounding the support mandrel, and a swaging cap coaxially surrounding the swaging barrel, the swaging cap having a variable inner diameter for swaging the swaging barrel onto an outer jacket of the cable;

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inserting a cable into the second end of the connector so that the outer jacket is located between the support mandrel and swaging barrel; and

sliding the swaging cap along the swaging barrel to deform the swaging barrel into contact with the outer jacket of the cable.

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13. The method of terminating a cable of claim 12, wherein the first connecting end comprises a center contact having tangs extending into its interior, and the cable includes a conductor; and

whereupon insertion of the cable, the conductor engages the tangs of the
10 contact.

14. The method of terminating a cable of claim 12, wherein the first connecting end includes a slotted barrel adapted to receive a corresponding barrel, and having a finger with a recess for strain relief.

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